

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF THE CLAIMS

1. (Currently Amended) A ~~computer readable~~ recording medium having a data structure for managing reproduction of at least still images recorded on the ~~computer readable~~ recording medium, comprising:

a data area storing at least one clip stream file, the clip stream file including video data representing at least one still image, ~~and~~ the clip stream file not including audio data;

a playlist area storing a playlist file, the playlist file including at least one playitem indicating an in-point and out-point of the clip stream file to reproduce at least one still image; and

a clip information area storing at least one clip information file, ~~the clip information file associated with the clip stream file~~, the clip information file including a type indicator ~~and a mapping information and a length indicator~~, the type indicator indicating that the clip information file is related to managing presentation of the still image, ~~the mapping information mapping a presentation time to a unit of the clip stream file, the~~

~~wherein the clip information file further includes~~ a length indicator indicating a size of the clip information file subsequent to the length indicator,

wherein each still image in the clip stream file is recorded as a packetized elementary stream packet, and one still image is represented by one packetized elementary stream packet, and the clip stream file begins with a header of a packetized elementary stream packet.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently Amended) The ~~computer readable recording~~ medium of claim 1, wherein the video data is recorded as one or more packetized elementary stream packets, ~~each still image in the clip stream file is recorded as a packetized elementary stream packet~~, and each packetized elementary stream packet includes at least one source packet.

6. (Currently Amended) The ~~computer readable recording~~ medium of claim 5, wherein each source packet includes at least one transport packet.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least still images recorded on a ~~computer readable recording medium~~, comprising:

reproducing at least one clip stream file at a reproducing device, the clip stream file including video data representing at least one still image, ~~and~~ the clip stream file not including audio data;

reproducing a playlist file at the reproducing device, the playlist file including at least one playitem indicating an in-point and out-point of the clip stream file to reproduce at least one still image; and

reproducing at least one clip information file at the reproducing device, ~~the clip information file~~

~~associated with the clip stream file~~, the clip information file including a type indicator and a ~~mapping information length indicator~~, the type indicator indicating that the clip information file is related to managing presentation of the still image, the ~~mapping information mapping a presentation time to a unit of the clip stream file~~,

~~wherein the clip information file further includes a length indicator indicating a size of the clip information file subsequent to the length indicator,~~

~~wherein each still image in the clip stream file is recorded as a packetized elementary stream packet, and one still image is represented by one packetized elementary stream packet, and the clip stream file begins with a header of a packetized elementary stream packet.~~

18. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least still images recorded on a ~~computer readable recording medium~~, comprising:

a pick up configured to reproduce data recorded on the ~~computer readable recording medium~~;

a controller configured to control the pick up to reproduce at least one clip stream file and a playlist file, the clip stream file including video data representing at least one still image, ~~and the clip stream file not including audio data, the playlist file including at least one playitem indicating an in-point and out-point of the clip stream file to reproduce at least one still image; and~~

a controller configured to control the pick up to reproduce at least one clip information file, ~~the clip information file associated with the clip stream file,~~

~~the clip information file including a type indicator and a mapping information length indicator, the type indicator indicating that the clip information file is related to managing presentation of the still image, the mapping information mapping a presentation time to a unit of the clip stream file,~~

~~wherein the clip information file further includes a length indicator indicating a size of the clip information file subsequent to the length indicator,~~

wherein each still image in the clip stream file is recorded as a packetized elementary stream packet, one still image is represented by one packetized elementary stream packet, and the clip stream file begins with a header of a packetized elementary stream packet.

19. (Currently Amended) A method of recording a data structure for managing reproduction of at least still images recorded on a ~~computer-readable~~ recording medium, comprising:

recording at least one clip stream file at a recording device, the clip stream file including video data representing at least one still image, ~~and~~ the clip stream file not including audio data;

recording a playlist file at the recording device, the playlist file including at least one playitem indicating an in-point and out-point of the clip stream file to reproduce at least one still image; and

recording at least one clip information file at the recording device, ~~the clip information file associated with the clip stream file~~, the clip information file including a type indicator and a ~~mapping information~~length indicator, the type indicator indicating that the clip information file is related to managing presentation of the still image,

~~the mapping information mapping a presentation time to a unit of the clip stream file,~~

~~wherein the clip information file further includes~~ a length indicator indicating a size of the clip information file subsequent to the length indicator,

wherein each still image in the clip stream file is recorded as a packetized elementary stream packet, and one still image is represented by one packetized

elementary stream packet, and the clip stream file begins with a header of a packetized elementary stream packet.

20. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least still images recorded on a ~~computer readable recording medium~~, comprising:

a pick up configured to record data on the ~~computer readable recording medium~~; and

a controller configured to control the pick up to record at least one clip stream file and a playlist file, the clip stream file including video data representing at least one still image, ~~and the clip stream file not including audio data~~, the playlist file including at least one playitem indicating an in-point and out-point of the clip stream file to reproduce at least one still image; and

the controller configured to control the pick up to record at least one clip information file, ~~the clip information file associated with the clip stream file~~, the clip information file including a type indicator and a ~~mapping information length indicator~~, the type indicator indicating that the clip information file is related to managing presentation of the still image, the ~~mapping information mapping a presentation time to a unit of the clip stream file~~,

~~wherein the clip information file further includes a length indicator indicating a size of the clip information file subsequent to the length indicator,~~

wherein each still image in the clip stream file is recorded as a packetized elementary stream packet, one still image is represented by one packetized elementary stream packet, and the clip stream file begins with a header of a packetized elementary stream packet.

21. (Currently Amended) The method of claim 17, wherein the video data is recorded as one or more packetized elementary stream packets, ~~each still image in the clip stream file is recorded as a packetized elementary stream packet~~, each packetized elementary stream packet includes at least one source packet, and each source packet includes at least one transport packet.

22. (Canceled)

23. (Canceled)

24. (Currently Amended) The apparatus of claim 18, wherein the video data is recorded as one or more packetized elementary stream packets, ~~each still image in the clip stream file is recorded as a packetized elementary stream packet~~, each packetized elementary stream packet includes at least one source packet, and each source packet includes at least one transport packet.

25. (Canceled)

26. (Canceled)

27. (Currently Amended) The method of claim 19, wherein the video data is recorded as one or more packetized elementary stream packets, ~~each still image in the clip stream file is recorded as a packetized elementary stream packet~~, each packetized elementary stream packet includes at least one source packet, and each source packet includes at least one transport packet.

28. (Canceled)

29. (Canceled)

30. (Currently Amended) The apparatus of claim 20, wherein the video data is recorded as one or more packetized elementary stream packets, each ~~still image in the clip stream file is recorded as a packetized elementary stream paeket~~, each packetized elementary stream packet includes at least one source packet, and each source packet includes at least one transport packet.

31. (Canceled)

32. (Canceled)